

ISES CWCS – Phase 2

Infinite Campus User Group

Department of Public Instruction

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Sarita Jha, ISES, WSLS, Discipline, CWCS Technical Lead

CWCS Phase 1 Results

- CWCS Phase 1 closed on **October 10**, 2011
 - 442 districts submitted data – **WHAT A SUCCESS!**
 - 440 districts Locked – **EXCELLECT Response!**
 - District's response to the CWCS System – **Above & Beyond!**

Student Achievement

Accountability

CWCS Phase 2 Timeline

- CW1
 - February 1, 2012 Open
 - May 2, 2012 Close
- CW2
 - May 16, 2012 Open
 - August 15, 2012 Close

Not Collecting Summer
School Data

Not Collecting K3 or PK
(Early Childhood Data)

CWCS Project Steering Committee

- ▶ Rod Packard, IT Director
- ▶ Doug White, Student Services / Prevention & Wellness
- ▶ Rebecca Vail, Content & Learning
- ▶ Sharon Wendt, Career & Technical Education
- ▶ Julie Brill, Teacher Licensing
- ▶ Tiffany Boyd, Data Management & Reporting (Co Project Manager)
- ▶ Jim Henning, Applications Development (Co Project Manager)
- ▶ Sarita Jha, Applications Development (Technical Lead)
- ▶ Susan Rose-Adametz, Applications Development (Business Analyst)

Leadership

Communication

CWCS External Advisory Committee

- ▶ Kelly Wildenberg, Kaukauna Area
- ▶ Patt Goerke, Wauwatosa
- ▶ Susan Gatzow, Arrowhead UHS
- ▶ Lisa Van Dyke, Elkhorn Area
- ▶ Frona Tenuta, Racine
- ▶ Deb Zdun, Pittsville
- ▶ Angela Moehring, Seymour
- ▶ Michael Rauworth, Oconomowoc Area

Collaboration & Guidance

CWCS Phase 2 Communications

- ▶ Vendor Conference scheduled on **November 2**, 2011 via MS Live – topics include:
 - New data field
 - Existing data field
 - Interface specification changes
 - Validation message changes
 - DTD file updates
- ▶ District Training Sessions via MS Live beginning **November** 2011 and continue through **June** 2012 (bi-weekly) - topics include:
 - Mapping Courses
 - When Should You Report Coursework Completion Records?
 - Reporting Term Roll-up
 - Section/Course Submission Guidelines

Working Together

Opportunities

Out of Scope

- ▶ Will not be collecting CWCS data from;
 - the two state schools, multi-district charter schools, DOC, DHFS or CCDEBs.
 - summer school enrollment.
 - early childhood enrollment (K3 & PK).

Common Data Fields

▶ Course & Teacher Record

- Collection Type – required
- Submitting District – required
- School Code – required
- Year – required
- Term – required – added Block Scheduling values 1 - 10
- Record Type – required
- Section ID – required

▶ Student & Completion Record

- Collection Type – required
- Submitting District – required
- School Code – required
- Year – required
- Term – required – added Block Scheduling values 1 - 10
- Record Type – required
- Section ID – required

Linking Data

Unique Records

Course & Teacher Data Fields

- Course Code – required
- Classroom Type – optional
- Local Course Title – conditional
- Dual Enrollment Credit - conditional - required for grade levels 9 - 12
- Distance Education – optional - must assign a teacher role(s) other than monitoring educator
- Virtual / Online Education – optional - must assign a teacher role(s) other than monitoring educator
- Project Based Learning – conditional
- Academic Service Learning – optional
- Alternative Education Programs – conditional
- Equivalency – optional – added business rule validating it is a valid secondary course code and school code must equal high school
- World Language – required – added business rules validity based on school type
- Bilingual/ESL – optional
- Teacher Role – required - limited usage of monitoring educator role
- DPI Educator Number – required
- Last Name – required
- Former Last Name – conditional

New Elementary Course
Codes & Rigor Levels

Educators May Be From
Outside Your District

Student & Completion Data Fields

- WSN ID – required - update WSN validation to be based on a district (a student may take classes at multiple schools within a district)
- Enroll Date – required
- Grade Level Placement – required - update the “Grade Level Placement is not within Expected Range” Error at District level
- Completion Status – required
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- College Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- Grade Earned – optional - for grade levels K3 - 8 and required for 9 - 12
- Part-time Open Enrollment District – required - for all grade levels
- WSLS School – optional – when provided must be a valid school code from the DPI Agency Table. (WSLS Enrolled School)

Simplified Processing
Rules

New Data Field Adds
Flexibility

When you have a student taking a class at a different school within your district you will setup the student completion record as outlined below:

- *The following is an example of the Student Load File Definition:*

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
<CWCS_TRANS>
  <DTG>02-10-2011 13:00:05 CST</DTG>
  <SEQ_NUM>00001</SEQ_NUM>
  <COLLECTION>CW1</COLLECTION>
  <DISTRICT>0001</DISTRICT>
  <SCHOOL>
    <SCHOOL>0002</SCHOOL> (CWCS Reporting School)
  <RECORD_TYPE>WS</RECORD_TYPE>
  <YEAR>2011</YEAR>
  <TERM>1S</TERM>
```

- ▶ *Example: middle school student with all data fields taking coursework at the high school*

```
<STUDENT>
  <SECTION_ID>ALG206B</SECTION_ID>
  <WSN_ID>1222567890</WSN_ID>
  <ENROLL_DATE>03/17/2007</ENROLL_DATE>
  <GRADE>08</GRADE>
  <COMPLETION_STATUS>P</COMPLETION_STATUS>
  <HS_CREDIT_EARNED>0.25</HS_CREDIT_EARNED>
  <COLG_CREDIT_EARNED>0.0</COLG_CREDIT_EARNED>
  <GRADE_EARNED>3.5</GRADE_EARNED>
  <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
  <WSLS_SCHOOL>0040</WSLS_SCHOOL> (WSLS Enrolled School)
</STUDENT>
```

What Is The Impact to CWCS Reporting School?

- ▶ Student Record List
 - Students from WSLS Enroll School will now appear in the list.
- ▶ File Upload Request
 - MUST provide the WSLS_SCHOOL in Student Record when the CWCS Reporting School is different than the WSLS Enrolled School for the student.
- ▶ File Download Request
 - Students from WSLS Enroll School will now appear in the list.
- ▶ School Course Enrollment Report
 - Students from WSLS Enroll School will now appear in the list.

CWCS Reporting School –
the School Where the
Student is Taking the Class

You Do Not Have to Enroll
the Student into Multiple
Schools Within Your District

Example: CWCS Data Merge Process

(Year = 2011, term = A)						BEFORE MERGE						
AFTER MERGE - 3rd Run												
SECTION_SEQ_NUM	SECTION_ID	COLLECTION_TYPE				SECTION_SEQ_NUM	SECTION_ID	COLLECTION_TYPE				
1272124	0820SHELTER	CW2				1272124	0820SHELTER	CW1				
2042358	0820DETENTION	CW2				1272125	0820DETENTION	CW1				
2043032	0820JAIL	CW2				1269521	0820JAIL	CW1				
						2042358	0820DETENTION	CW2				
						2043032	0820JAIL	CW2				
ENROLL_SEQ_NUM	STUDENT_SEQ_NUM	SECTION_SEQ_NUM	WSN	SECTION_ID	GRADE	ENROLL_SEQ_NUM	STUDENT_SEQ_NUM	SECTION_SEQ_NUM	WSN	SECTION_ID	GRADE	COLLECTION_TYPE
3220186	18859522	2042358	1001004806	0820DETENTION	10	1714005	9159838	1272125	1009819531	0820DETENTION	10	CW1
3225235	18872462	2042358	1001240126	0820DETENTION	10	1714006	9159839	1269521	1009030955	0820JAIL	12	CW1
3229101	18889274	2043032	1014697573	0820JAIL	11	1714007	9159840	1269521	1008901901	0820JAIL	12	CW1
3229104	18889278	2043032	1018713972	0820JAIL	11	1714008	9159841	1269521	1021243272	0820JAIL	11	CW1
3229077	18889218	2043032	1008023717	0820JAIL	12	1714009	9159842	1269521	1007392238	0820JAIL	12	CW1
3229080	18889222	2043032	1008823874	0820JAIL	12	1714010	9159843	1272124	1008876481	0820SHELTER	11	CW1
3229091	18889252	2042358	1008956768	0820DETENTION	11	1714011	9159844	1272124	1008798177	0820SHELTER	10	CW1
3229094	18889262	2043032	1009004783	0820JAIL	11	1714012	9159845	1272124	1012161188	0820SHELTER	09	CW1
3229097	18889266	2043032	1013669673	0820JAIL	12	1714004	9159837	1272125	1008807806	0820DETENTION	09	CW1
3229084	18889229	2042358	1008955034	0820DETENTION	10	1713676	9157108	1272125	1010712939	0820DETENTION	10	CW1
3228942	18882127	2042358	1002579878	0820DETENTION	09	1713677	9157109	1272125	1008826702	0820DETENTION	10	CW1
1714010	9159843	1272124	1008876481	0820SHELTER	11	1713678	9157110	1272125	1011957957	0820DETENTION	10	CW1
1714011	9159844	1272124	1008798177	0820SHELTER	10	1713679	9157111	1272125	1008023819	0820DETENTION	10	CW1
1714012	9159845	1272124	1012161188	0820SHELTER	09	3229077	18889218	2043032	1008023717	0820JAIL	12	CW2
						3229080	18889222	2043032	1008823874	0820JAIL	12	CW2
						3229091	18889252	2042358	1008956768	0820DETENTION	11	CW2
						3229094	18889262	2043032	1009004783	0820JAIL	11	CW2
						3229097	18889266	2043032	1013669673	0820JAIL	12	CW2
						3229084	18889229	2042358	1008955034	0820DETENTION	10	CW2
						3228942	18882127	2042358	1002579878	0820DETENTION	09	CW2
						3220186	18859522	2042358	1001004806	0820DETENTION	10	CW2
						3225235	18872462	2042358	1001240126	0820DETENTION	10	CW2
						3229101	18889274	2043032	1014697573	0820JAIL	11	CW2
						3229104	18889278	2043032	1018713972	0820JAIL	11	CW2

Student & Completion Data Fields

- WSN ID – required - update WSN validation to be based on a district (a student may take classes at multiple schools within a district)
- Enroll Date – required
- Grade Level Placement – required - update the “Grade Level Placement is not within Expected Range” Error at District level
- Completion Status – required
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- College Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term
- Grade Earned – optional - for grade levels K3 - 8 and required for 9 - 12
- Part-time Open Enrollment District – required - for all grade levels
- WSLS School – optional – when provided must be a valid school code from the DPI Agency Table. (WSLS Enrolled School)

Simplified Processing
Rules

New Data Field Adds
Flexibility

Course & Teacher Validation Message

CT31:

Invalid 'World Language'. ~~When provided,~~ 'World Language' code must be a valid World Language code.

Data Field Updated to Required

Course & Teacher Validation Message

CT32:

Invalid 'Bilingual / ESL'. When provided, 'Bilingual / ESL' **must** be a valid Bilingual / ESL code.

Verbiage Update Only

Course & Teacher Validation Message

CT54:

Invalid 'Equivalency' combination. 'Equivalency' was provided as a value other than 'NA', Not Applicable, and 'Course Code' was provided as a value other than a valid 'Secondary Course Code' and school type was not of high school.

New Validation Message added
to Improve Data Accuracy

Course & Teacher Validation Message

CT55:

Required field is missing, 'World Language'. 'World Language' is a required field for all course and teacher records.

Data Field Updated to Required

Course & Teacher Validation Message

CT56:

Required field is missing, 'Dual Enrollment Credit'. 'Dual Enrollment Credit' is required when secondary course code is provided.

Data Field Updated to Conditional

Course & Teacher Validation Message

CT57:

Invalid 'Teacher Role' combination. Teacher Role was provided as 'ME', Monitoring Educator. A Teacher Role of 'ME' can only be used when 'Dual Enrollment Credit' equals 'YOPC', 'YOUW', 'YOTC' or 'YA' or Alternative Education program equals 'HSED' OR 'CA'.

Educators May be From Outside of Your District

Course & Teacher Validation Message

CT58:

Invalid 'World Language' for elementary school type. 'World Language' was provided as a value of 'FLES' and school type was other than elementary and elementary/secondary combined school type.

Added Business Rule to Improve Data Accuracy

Course & Teacher Validation Message

CT59:

Invalid 'World Language' for middle school type. 'World Language' was provided as a value of 'FLEX' and school type is not junior high and middle school types.

Added Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC22:

Invalid enrollment period. No WSLS record exists for the WSN, District, ~~School~~, and Enroll Date identified for this record.

Updated Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC35:

Invalid 'High School Credits Earned'. 'High School Credits Earned' must be a numeric value ≥ 0.000 and ≤ 10.000 . Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC36:

Invalid 'College Credits Earned'. 'College School Credits Earned' must be a numeric value ≥ 0.000 and ≤ 10.000 . Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC48:

WSN ID not found. WSN ID entered was not found in **WSLS**
District.

Updated Business Rule to Eliminate Rework

Student & Completion Validation Message

SC49:

(Warning) Unexpected 'School Code' associated with student 'WSN ID'. This student's WSN ID is associated with multiple schools within your district.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC50:

No Students Reported in one or more schools where section data exists. District Lock requested with no student or coursework completion data reported for school(s). However section/course/teacher records were submitted for these schools.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC51:

Invalid combination of 'High School Credits Earned' and 'Completion Status'. 'Completion Status' was provides as value of 'I', 'F' or 'WD', hence 'High School Credits Earned' may not be a value \geq '00.000'.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC52:

Invalid combination of 'College Credits Earned' and 'Completion Status'. 'Completion Status' was provided as value of 'I', 'F' or 'WD', hence 'College Credits Earned' may not be a value \geq '00.000'.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC53:

Required field is missing 'Part-time Open Enrollment District'.
Part-time Open Enrollment District is a required field for all grade levels.

New Business Rule to Improve Data Accuracy

Student & Completion Validation Message

SC54:

(Warning) Unexpected secondary course code in an elementary school type. The 'Section ID' provided is associated with a secondary course code, while the school type for this record is of elementary grade levels.

New Business Rule to Improve Data Accuracy

Questions or Suggestions?

CWCS Resources

- ▶ <http://dpi.wi.gov/lbstat/cwcsapp.html>
- ▶ ISES Help Desk – 800-507-5744